

# Converting Colors

HunterLab(38.4714, 20.1334,  
-0.0186)

Have a look what the booklet for  
HunterLab(38.4714, 20.1334,  
-0.0186) contains.

<b>HunterLab(38.4714, 20.1334, -0.0186)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(38.4714, 20.1334,  
-0.0186)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945A71
RGB	148, 90, 113
RGB Percent	58%, 35%, 44%
CMY	0.4196, 0.6470, 0.5569
CMYK	0.00, 0.39, 0.24, 0.42
HSL	336°, 24%, 47%
HSV	336°, 39%, 58%
XYZ	18.8496, 14.8005, 17.4861
YIQ	109.9640, 27.1850, 19.4490

# Conversions

## Conversions Part 2

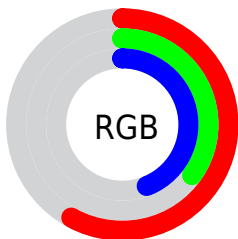
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 90, 113
Decimal	9722481
CIE <sub>Lab</sub>	45.36, 27.10, -2.92
CIE <sub>LCh</sub>	45, 27.253, 353.855
Yxy	14.8012, 0.3686, 0.2894
Android (android.graphics.Color)	4287912561 (0xFF945A71)
YUV	109.9640, 1.4967, 33.3576
Hunter-Lab	38.4714, 20.1334, -0.0186

# Details

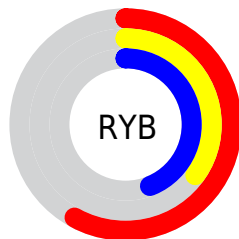
The HunterLab color  $38.4714, 20.1334, -0.0186$  is a dark color, and the websafe version is hex  $996666$ . A complement of this color would be  $49.8343, -20.9142, 7.2566$ , and the grayscale version is  $39.4617, -2.1056, 2.1440$ .

A 20% lighter version of the original color is  $58.7051, 21.7644, 0.6028$ , and  $21.2706, 18.2129, -0.5143$  is the 20% darker color. If you saturate the color by 10%, you get  $35.1521, 26.0527, -0.0043$ , and if you desaturate by 10%, it is  $42.1458, 14.1405, 0.3464$ .

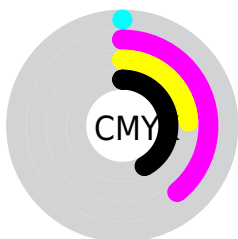
# Distribution



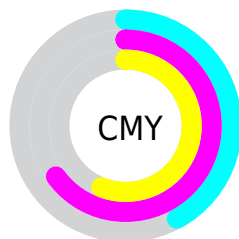
- Red (58%)
- Green (35%)
- Blue (44%)



- Red (58%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (42%)














- Cyan (42%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4714, 20.1334, -0.0186 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 38.4714, 20.1334, -0.0186 by changing the saturation by 10% instead.



 38.4714, 20.1334, -0.0186	 38.4714, 20.1334, -0.0186
149.0502, 24.8734, 4.8498	 29.4618, 19.1183, -0.3388
 58.7401, 21.7937, 0.7818	 21.2909, 17.9633, -0.5980
 69.8960, 22.4685, 1.2507	 14.0570, 16.6579, -0.7845
 81.6803, 23.0532, 1.7609	 7.7036, 16.3348, -1.1505
 94.0613, 23.5560, 2.3097	0.0000, INF, NaN
	0.0000, NaN, NaN
 107.0114, 23.9840, 2.8948	0.0000, NaN, NaN
120.5067, 24.3430,	0.0000, NaN, NaN

134.5259, 24.6380,  
4.1664

■ 38.4714, 20.1334,  
-0.0186

■ 38.4714, 20.1334,  
-0.0186

■ 35.1521, 26.0527,  
-0.0043

■ 42.1458, 14.1405,  
0.3464

■ 32.2473, 31.6997,  
0.4596

■ 46.1181, 8.1957,  
1.0179

■ 29.8234, 36.7644,  
1.4311


■ 50.3443, 2.3540,  
1.9366


■ 27.9381, 40.8559,  
2.9223


■ 54.7875, -3.3640,  
3.0540


■ 26.6236, 43.5988,  
4.8672


■ 59.4182, -8.9576,  
4.3321


 25.7723, 45.1171,  
7.0226

 64.2126, -14.4362,  
5.7415

 25.7069, 45.2395,  
7.1879

 69.1514, -19.8134,  
7.2596

 74.2191, -25.1038,  
8.8690

 79.4027, -30.3215,  
10.5561

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.4723, 15.6319, -11.0344



38.4714, 20.1334, -0.0186



38.4723, 18.1922, 9.0759

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.4723, 20.1317, -0.0178



38.4723, -9.8795, 15.8374



38.4723, -13.2473, -16.8531

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.4714, 20.1334, -0.0186



49.8343, -20.9142, 7.2566

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.4723, -18.8239, -6.5049



38.4714, 20.1334, -0.0186



38.4723, -17.0301, 11.7823

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.4723, 20.1317, -0.0178



38.4723, 0.1291, 16.7073



38.4723, -20.1309, 4.0928



38.4723, -4.1911, -22.2944



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.4714, 20.1334, -0.0186



38.4723, 13.6027, 13.1601



38.4723, -20.1309, 4.0928



38.4723, -15.5502, -13.7185

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.4723, 20.1317, -0.0178



65.1270, 5.4789, 2.1692



37.1432, 18.7648, -21.5065



30.8060, 3.0427, 0.9671



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4723, 20.1317, -0.0178



47.2155, 33.6376, -0.0387



39.1971, 14.3928, 9.7724



24.1893, 1.1355, 0.9299



23.7692, 41.8498, 6.4879



2.7328, 5.0044, -0.7482



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.4723, 20.1317, -0.0178



47.2155, 33.6376, -0.0387



48.7009, -14.6157, -4.3555



24.1893, 1.1355, 0.9299



23.7692, 41.8498, 6.4879

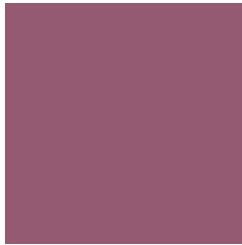


2.7328, 5.0044, -0.7482



# Previews

## White Background



This preview shows how the HunterLab color 38.4714, 20.1334, -0.0186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

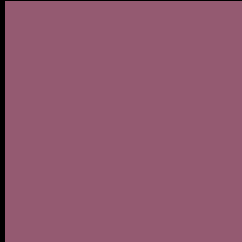
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 38.4714, 20.1334, -0.0186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

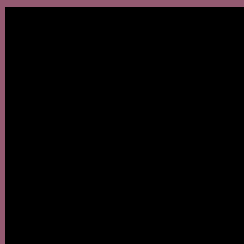
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 38.4714, 20.1334, -0.0186 Background



This preview shows how black text looks on a background with the HunterLab color 38.4714, 20.1334, -0.0186.



This preview shows how white text looks on a background with the HunterLab color 38.4714, 20.1334, -0.0186.

-0.0186.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

38.4714, 20.1334, -0.0186

### Protanopia

38.6961, 0.1901, -5.3694

### Deuteranopia

38.4816, 2.7040, 1.0308



## Tritanopia

38.4164, 16.9274, 5.7500

# Trichromacy



## Original Color

38.4714, 20.1334, -0.0186

## Protanomaly

38.3776, 6.9275, -3.6827

## Deuteranomaly

38.2891, 8.6714, 0.4579

## Tritanomaly

38.3206, 18.0530, 3.6657

# Monochromacy



## Original Color

38.4714, 20.1334, -0.0186

## Achromatopsia

39.4875, -2.1070, 2.1454

## Achromatomaly

38.9015, 5.4838, 1.1460

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 38.4714, 20.1334, -0.0186 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 90, 113)` looks like.

```
.text, #text, p{  
    color:rgb(148, 90, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 90, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 90, 113) }
```

## Border

The CSS property to change the border of an element to HunterLab 38.4714, 20.1334, -0.0186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 90, 113) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 90, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 90, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 90, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 90, 113);  
box-shadow:4px 4px 4px 4px rgb(148, 90,  
113) }
```

# Background

The CSS property to change the background color of an element to HunterLab 38.4714, 20.1334, -0.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 90, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148, 90,  
113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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